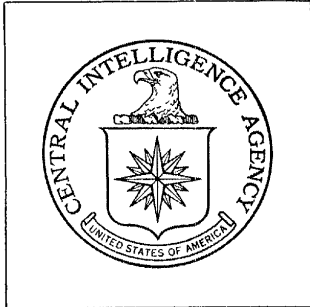


Top Secret



DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Brief

Heng-hsien Hydro Power Plant Lock and Dam (Hsi-ching)

Heng-hsien, China



25X1A

DECLASS REVIEW by NIMA/DOD

*Handle via Talent - Keyhole
Channels Only*

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BCS 13/0225/69
TCS 18640/69
DATE APRIL 1969

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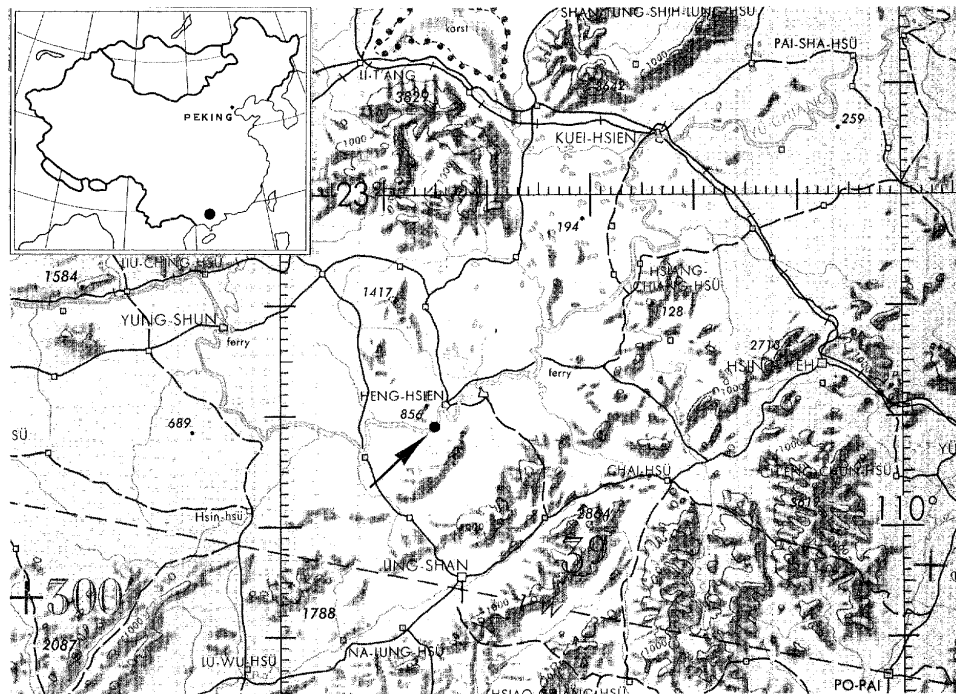
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INSTALLATION OR ACTIVITY NAME				COUNTRY	
Heng-hsien Hydro Power Plant Lock and Dam (Hsi-ching) 25X1A				CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NUMBER	COMIREX NO.	WAC-PIC NO.
49QCR195056	22-38-55N 109-14-40E			None	0615-41
MAP REFERENCE					
15th RTS. USATC Series 200, Sheet M0615-7HL, 2nd edition, Aug 65, Scale 1:200,000 (SECRET NO FOREIGN DISSEM EXCEPT CONTROLLED DISSEM)					
LATEST IMAGERY USED		NEGATION DATE (If required)		25X1C	
		Not Required			

INTRODUCTION

The Heng-hsien Hydro Power Plant Lock and Dam (Hsi-ching) is located on the Yung Chiang (River) approximately 3 nautical miles south-southwest of Heng-hsien, China in the Kwangsi Chuang Autonomous Region.



BASIC DESCRIPTION

The Heng-hsien Hydro Power Plant is a consolidated type plant with a concrete gravity dam. There appear to be twelve intake gates which control the flow of water to the powerhouse. The discharge outlets could not be determined due to shadow or imagery scale. Two transformers were seen adjacent to the powerhouse on the latest good-quality imagery dated [REDACTED]. This indicates that at least two generating units are located within the powerhouse. The switching yard is secured by a fence and contains two circuit support towers and six circuit breakers.

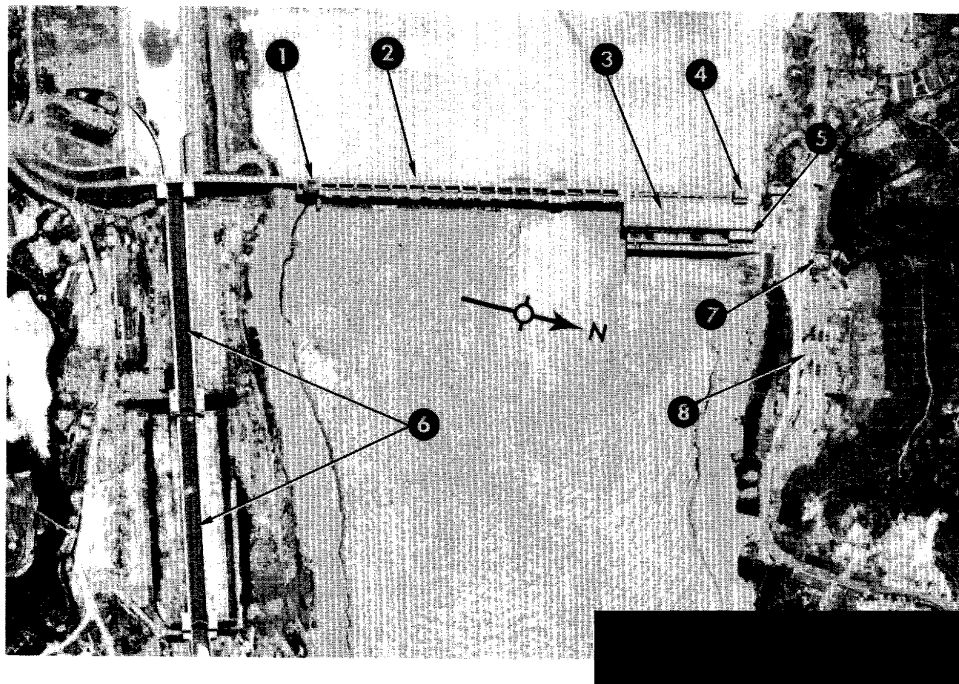
25X1D

When the plant was first observed in [REDACTED] the powerhouse and dam were complete, but work had just begun on the construction of the locks. The locks were still under construction in [REDACTED], and they were not seen complete until [REDACTED].

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25X1D

25X1D Although the plant appears complete it was not operating when seen on large-scale photography in [REDACTED]. Its operational status could not be determined on the small-scale coverage of the other referenced missions.



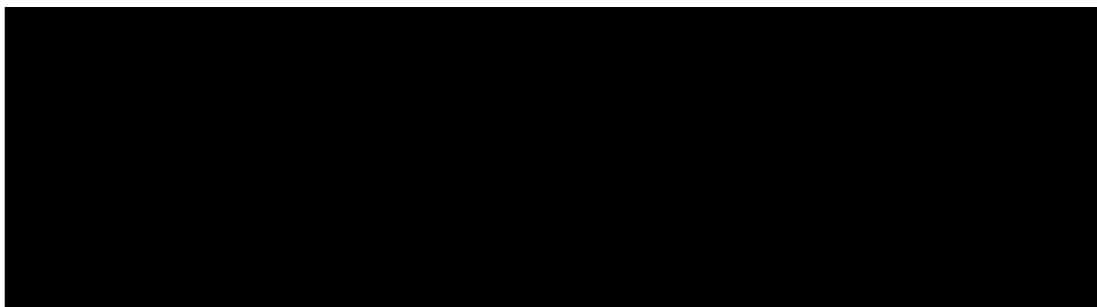
25X1D

Key to Annotations

Item No.	Description	Measurements (ft)	Remarks
1	Gantry Crane		Used for Gate Control
2	Dam	2,000 in length	
3	Powerhouse	410 x 76	Not Operating
4	Gantry Crane		
5	Control House	75 x 35	
6	Locks		
7	POL Tanks (4)		
8	Switching Yard	270 x 155	6 Circuit Breakers

25X1D

REFERENCES



Maps

25X1C

15th RTS. US Air Target Chart Series 200, Sheet M0615-7HL, 2nd edition, Aug 65, Scale 1:200,000 (SECRET NO FOREIGN DISSEM EXCEPT [REDACTED] /CONTROLLED DISSEM)

ACIC. USAF Operational Navigation Chart, Sheet J-11, 6th edition, Jan 67, Scale 1:1,000,000 (UNCLASSIFIED)

Requirement

EXSUBCOM - BR-N/002-69

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